## BUREAU OF FOREST ASSISTANCE

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Date: 6/1/05

## **MEMORANDUM**

FROM: R. Ladd Livingston, Ph.D.

Supervisor, Insect and Disease Section

SUBJECT: Aerial Spray Project

On Saturday, May 28, 2005, the Idaho Department of Lands completed the last of 3 aerial spray treatments, one mile south of Hauser Lake (see maps), in an effort to eradicate the Asian gypsy moth. The first two treatments were conducted on the mornings of Thursday, May 12 and Saturday, May 21, 2005.

The biological pesticide that was used is Foray 48B, a biological insecticide (see information sheets). The active ingredient in Foray 48B is <u>Bacillus thuringiensis</u> (B.t.). It is a naturally occurring, soil inhabiting, ubiquitous bacterium. It is not toxic in any way to humans, animals, birds, or any insect other than caterpillars of certain moths and butterflies.

The aerial spraying of 600 acres began at approximately 5:00 am and was competed each day before 8:30am. All treatments were well within prescription, and spray behavior each day was excellent. We had an excellent view of the helicopter from the helibase above the spray area.

Thank you for your assistance.

RLL:cc